

LISTA DE LUCRĂRI

A - PUBLICAȚII ÎN JURNALE COTATE ISI (5 articole) - (lucrările marcate cu simbolul * sunt anexate în format electronic).

1. ***Alina Raileanu**, Florin Onea and Eugen Rusu, *An Overview of the Expected Shoreline Impact of the Marine Energy Farms Operating in Different Coastal Environments*, J. Mar. Sci. Eng. 2020, 8(3), 228; <https://doi.org/10.3390/jmse8030228>, IF=2,033
2. ***Alina Raileanu**, Florin Onea And Eugen Rusu, *Implementation Of Offshore Wind Turbines To Reduce Air Pollution In Coastal Areas - Case Study Constanta Harbour In The Black Sea*, J. Mar. Sci. Eng. 2020, 8(8), 550; <https://doi.org/10.3390/jmse8080550>, IF=2,033
3. *Rusu L, **Răileanu A.**^{CA}, Onea F, 2018. *A Comparative Analysis of the Wind and Wave Climate in the Black Sea Along the Shipping Routes*. Water Resources Management and Governance, a section of Water (ISSN 2073-4441), 2018, 10(7), 924; <https://doi.org/10.3390/w10070924> (I.F:2.069/2018), *autor principal-corespondent
4. *Rusu E, **Răileanu A.**^{CA}, 2016. *A multi parameter data assimilation approach for wave predictions in coastal areas*. Journal of Operational Oceanography. <https://doi.org/10.1080/1755876X.2016.1192013> (I.F:3.342/2018), 2 citări, *autor principal-corespondent
5. *Onea F, **Raileanu A**, Rusu E, 2015. *Evaluation of the wind energy potential in the coastal environment of two enclosed seas*. Advances in Meteorology. Article Number: 808617, 14 pages, doi: 10.1155/2015/808617. 17 citări, <http://www.hindawi.com/journals/amete/aip/808617/> (I.F:1.645/2018)

B – Teze de doctorat (1 teză)

„Implementarea de metode de asimilare de date pentru îmbunătățirea predicției valurilor cu modele spectrale în bazinul Mării Negre”,
<https://www.arthra.ugal.ro/handle/123456789/4190>

C - CĂRȚI în edituri locale, recunoscute CNCSIS (2 lucrări)

6. L Rusu, **A Raileanu**, F. Onea, 2016. *Asimilarea de date cu aplicații la predicția climatului de val în bazinul Mării Negre*, Zigotto, 300 p, ISBN 978-606-669-182-6.
7. Varlan Gabriela, **Raileanu Alina Beatrice**, Bazele informaticii, Editura Universitara „Danubius”, Galați, 2009, ISBN 978-606-533-011-5

D - Manuale suport de curs (7 publicații)

8. **Raileanu Alina Beatrice**, Panfiloiu Gheorghe, *Fundamentele algebrice ale informaticii – Note de curs*, Zigotto, 2020, 102 p, ISBN 978-606-669-345-5
9. **Raileanu Alina Beatrice**, Panfiloiu Gheorghe, *Arhitectura sistemelor de calcul – Note de curs*, Zigotto, 2020, 106 p, ISBN 978-606-669-347-9
10. **Raileanu Alina Beatrice**, Panfiloiu Gheorghe, *Arhitectura sistemelor de calcul – Îndrumar de laborator*, Zigotto, 2020, 60 p, ISBN 978-606-669-349-3
11. **Raileanu Alina Beatrice**, Panfiloiu Gheorghe, *Logica matematica si computațională – Note de curs și laborator*, Zigotto, 2020, 106 p, ISBN 978-606-669-351-6
12. Varlan Gabriela, **Raileanu Alina Beatrice**, Panfiloiu Gheorghe, *Comunicații si informare prin Internet si telefonie*, Editura Universitara „Danubius”, Galati, 2010, ISBN 978-606-533-064-1
13. Viorel ARITON; Gheorghe PANFILOIU; Florin POSTOLACHE; **Răileanu Alina Beatrice**, *Bazele Informaticii* (curs ID sem II), Editura Universitară Danubius, 2010, ISBN 978-606-533-080-1
14. Varlan Gabriela, **Raileanu Alina Beatrice**, *Baze de date*, Editura Universitara „Danubius”, Galati, 2009, ISBN 978-606-533-011-5

E - CONFERINȚE INTERNAȚIONALE INDEXATE ISI (8 lucrări)

15. *Eugen Rusu, Alexandra Diaconita and **Alina Raileanu**, *An assessment of the wind power dynamics in the european coastal environment*, 5th International Conference On Advances on Clean Energy Research – ICACER 2020, April 23-25, 2020 Barcelona, Spain, Proceedings <https://doi.org/10.1051/e3sconf/202017301002>
16. **Raileanu A**, Onea F, Rusu E., 2016. *Spatial and seasonal variations of the environmental conditions along the Black Sea shipping routes*. 16th International Multidisciplinary Scientific GeoConference SGEM 2016, Albena, Bulgaria, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-62-9 / ISSN 1314-2704, June 28 - July 6, 2016, Book3 Vol. 2, 829-836 pp, DOI: 10.5593/SGEM2016/B32/S15.108
17. ***Raileanu A**, Rusu L., Rusu E., 2016. *Data Assimilation Methods to improve the Wave Predictions in the Romanian Coastal Environment*. 16th International Multidisciplinary Scientific GeoConference SGEM 2016, Albena, Bulgaria, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-59-9 / ISSN 1314-2704, June 28 - July 6, 2016, Book2 Vol. 2, 855-862 pp, DOI: 10.5593/SGEM2016/B22/S10.109
18. *Onea F, **Raileanu A**, Rusu E., 2016. *Evaluation of the wave energy potential in some locations where European offshore wind farms operate*. MARTECH 2016 - 3rd International Conference on Maritime Technology and Engineering 4 - 6 July 2016 Lisbon, Portugal. In book ISI indexed: Maritime Technology and Engineering 3, Chapter: Evaluation of the wave energy potential in some locations where European offshore wind farms operate, Publisher: Taylor & Francis Group, London, Editors: Guedes Soares & Santos, pp.1119-1124. <https://doi.org/10.1155/2015/808617>

19. ***Raileanu A**, Onea F, Rusu E, 2015. *Assesment of the wind energy potential in the coastal environment of two enclosed seas*. OCEANS'15 MTS/IEEE GENOVA 18-21 May 2015 Genova, Italy. DOI:10.1109/OCEANS-Genova.2015.7271248
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=7271248&queryText=onea%20florin&newsearch=true>
20. **Raileanu A**, Onea F, Rusu E, 2015. *Evaluation of the offshore wind resources in the European seas based on satellite measurements*. 15th International Multidisciplinary Scientific Geoconference (SGEM) Location: Albena, BULGARIA Date: 18-24 June; 227-234, 2015. DOI: 10.5593/SGEM2015/B41/S17.030
<http://sgem.org/sgemlib/spip.php?article6134>
21. **Răileanu A.**, Rusu L., Rusu E., 2015. *Wave modelling with data assimilation in the Romanian nearshore*. In: Proc. of 16th International Congress of the International Maritime Association of the Mediterranean, IMAM 2015 - Towards Green Marine Technology and Transport, 21-24 September, Croatia, pp. 837-843, Taylor & Francis Group, London, ISBN 978-1-138-02887-6 , DOI: 10.1201/b18855-113
<http://www.imamhomepage.org/imam2015/>
22. Alina Beatrice **Raileanu**, Onea Florin, Rusu Liliana, 2018, *Coastal Protection of the Romanian Nearshore Throughout Hybrid Wave and Offshore Wind Farms*, 3rd International Conference on Advances on Clean Energy Research, ICACER 2018, Universitat Politècnica de Catalunya, Barcelona, Spania (UPC),
<https://doi.org/10.1051/e3sconf/20185101004>

F - LUCRĂRI PREZENTATE LA CONFERINȚE INTERNAȚIONALE (14 lucrări)

23. Marcu A., **Raileanu A.**, 2020, *Lower Danube Ports Development and Opportunities*, Conferința Internațională „Dunărea – Axa Identității Europene”, DAIE 2020
24. **Alina Beatrice Raileanu**, Eugen Victor Cristian Rusu, *Sustainable Black Sea Port Operations Related to “Green Deal” EU Strategy*, SCDS-UDJG 2020, Galați, 18th and 19th of June 2020
25. Marcu A., **Raileanu A.**, 2020, *The Analysis of the Port Management Models along Danube River*, Conferința Internațională „Integrarea Europeana – Realitati si Perspective mai 2020, EIRP 2020, Universitatea Danubius Galați
26. **A Raileanu**, F Onea, E Rusu, 2015. *Evaluation of the offshore wind energy potential in the Romanian coastal environment at the Black Sea*. Presented at The international symposium Protection of the Black Sea ecosystem and sustainable management of maritime activities - PROMARE 2015, http://www.mareframe-fp7.org/ue_31.html, publicat în "Cercetări Marine - Recherches Marines" 46/2016, <http://www.rmri.ro/Home/Publications.RecherchesMarines.html> **(Premiul III pentru cea mai bună prezentare orală).**
27. A. Ivan, **A Raileanu**, F Onea, E Rusu, 2015. *Studies concerning the coastal impact of an offshore wind farm operating in the vicinity of the Danube Delta*. Presented at The international symposium Protection of the Black Sea ecosystem and sustainable management of maritime activities - PROMARE 2015, http://www.mareframe-fp7.org/ue_31.html, publicat în "Cercetări Marine - Recherches Marines" 45/2015, **(Premiul III pentru cea mai bună prezentare poster)**
<http://www.rmri.ro/Home/Publications.RecherchesMarines.html>

28. Onea F, **Raileanu A**, Rusu E., 2015, *Evaluation of the general wind conditions in the Black and the Caspian seas*. International Conference Environmental Issues in terms of its Protection and Ecology, 6-7 May 2015, Galați, Romania, pp 13-14, ISBN 978-606-696-035-9.
29. Rusu L., **Raileanu A.**, Rusu E., 2015. *An assimilation scheme based on remotely sensed data to improve the results of the numerical wave models in the Black Sea*, International Conference Environmental Issues in terms of its Protection and Ecology, 6-7 May 2015, Galați, Romania, pp 11-12, ISBN 978-606-696-035-9
30. **Raileanu A.**, Tureac C., 2008. " Istoria asigurărilor maritime" Conferința Internațională „Integrarea Europeană – Realități și Perspective mai 2008, Universitatea Danubius Galați, Volumul conferinței ISBN 978-973-30-2409-5, p.472-480
31. Alina **RAILEANU**, 2008: „Research On Evolution Of Information Technology in Order To Minimize The Risk Of Information Systems Security In E-Banking” - International Conference Finance and Risk, Bratislava on November 24-25 2008,
32. Ariton D., Sirbu C., Nuta A., **RAILEANU A.**, Nuta F., EXPECTATIONS AND REALITIES OF ROMANIAN EUROPEAN INTEGRATION OF ROMANIAN SME SECTOR, 10th International Multidisciplinary Scientific Geo-Conference & EXPO SGEM 2010, Modern Management of Mine Producing, Geology and Environmental Protection, Organizer of SGEM, Conference Proceedings, volume II, 2010, p. 745-751, ISBN 954918181-2, ISI WEB of Knowledge, ISI Proceedings Database, <http://www.isiwebofknowledge.com>, http://www.sgem.org/index_eng.php
33. Florin POSTOLACHE, Mihaela POSTOLACHE, Alina **RAILEANU**, 2010. T&L WORKING GROUP ON DANUBIUS ONLINE COLLABORATION AND LEARNING ENVIRONMENT, In Proceedings of the 6th International Scientific Conference eLSE " eLearning and Software for Education" , Bucharest, April 15-16 2010. " Carol I" National Defense University Press
34. D.Ariton, V.Ariton, A.Nuta, F.Nuta, A.**Raileanu**, C.Sirbu, 2010. MODEL FOR DEVELOPING PROGRAMS OF STUDY BUILT ON STANDARDS OF PREPARATION AND PROFESSIONAL TRAINING BASED ON COMPETENCES, In Proceedings of The 6th International Seminar QUALITY MANAGEMENT IN HIGHER EDUCATION – QMHE2010, Tulcea, 2010 - Proceedings of The 6th International Seminar on the Quality Management in Higher Education, volumul 1, 2010, ISBN 978-978-662-566-4, ISI WEB of Knowledge, ISI Proceedings Database, <http://www.isiwebofknowledge.com>, http://www.sgem.org/index_eng.php
35. Alina **Raileanu**, D.Ariton, G.Virlan, F.Postolache, 2010. COLLABORATIVE LEARNING AND RESEARCH ENVIRONMENT ON DANUBIUS UNIVERSITY PORTAL - WEB 3.0 GENERATION, In Proceedings of the VIII-th International Conference 'Challenges in Higher Education and Research in the 21st Century', TECHNICAL UNIVERSITY of SOFIA, 2010, http://elfe.tu-sofia.bg/cher21/Program_2010.pdf
36. Florin POSTOLACHE, Mihaela POSTOLACHE, Alin Constantin FILIP, Alina **RAILEANU**, 2011. NEW TECHNOLOGICAL TREND IN EDUCATIONAL MANAGEMENT, In Proceedings of the 6th International Conference „EUROPEAN INTEGRATION, REALITIES AND PERSPECTIVES”, Galați, 2011, ISSN: 2067-9511, p.518-524.

G - PUBLICAȚII ÎN JURNALE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE (7)

37. Marcu Andra Luciana , Raileanu Alina Beatrice, The Analysis of the Port Management Models Along Danube River, EIRP Proceedings, Vol 15, No 1 (2020), ISSN: 2067 – 9211
38. Marcu Andra Luciana, Raileanu Alina Beatrice, Lower Danube Ports Development and Opportunities, Journal of Danubian Studies and Research, Vol. 10, No. 2/2020, ISSN: 2284 – 5224
39. Onea F, **Raileanu A**, Rusu E, 2016. *Analysis of the extreme wind and wave conditions in the Black Sea as reflected by the altimeter measurements*. Mechanical Testing and Diagnosis, 1, 5-12.
http://www.om.ugal.ro/mtd/download/2016-1/1%20MTD_2016_Volume%201_One.pdf
40. Zanolpol AT, Onea F, **Raileanu A**, 2014. *Coastal impact simulation of a Wave Dragon farm operating in the nearshore of Mangalia*. Constanta Maritime University Annals, 21 (I), 65-70. <http://www2.cmu-edu.eu/anale/41-2/>
41. Gasparotti, C., **Răileanu, A.** & Rusu E, 2013, New Strategies for the Waste Management in the Black Sea Region, EuroEconomica, 2013, issue 2(32), pages 79-92. <http://EconPapers.repec.org/RePEc:dug:journl:y:2013:i:2:p:79-92>
42. **Alina Raileanu**, Ioan Bordean, 2008. *Customer relationship management*, EuroEconomica nr.2(21)/2008, revista indexata in Socionet, EconLit, Ideas, Index Copernicus, cotata B+ de catre CNCSIS
43. **Alina Raileanu**, Ioan Bordean, 2009. *Leadership within the organization. The future leaders*, EuroEconomica nr.2 (23)/2009, revista indexata in Socionet, EconLit, Ideas, Index Copernicus, cotata B+ de către CNCSIS

H – COMUNICĂRI ÎN CADRUL UNOR CONFERINȚE NAȚIONALE (3)

44. **Răileanu A**, Rusu E, 2014. *Overview on Data Assimilation Methods in the Wave Predictions*, prezentat la 'A doua ediție a Conferinței Științifice a Școlilor Doctorale din UDJ Galați (CSSD-UDJG 2014), 15-16 Mai 2014, Galați, Romania.
http://www.cssd-udjg.ugal.ro/2014/resources/Book_of_Abstracts_2014.pdf
45. **Răileanu A**, Rusu E, *Evaluation of Various Data Assimilation Procedures to Increase the Reliability of the Wave Predictions in the Black Sea*, prezentat la a treia ediție a Conferinței Științifice a Școlilor Doctorale din UDJ Galați (CSSD-UDJG 2015), 4-5 iunie 2015 Galați, Romania. <http://www.cssd-udjg.ugal.ro/index.php/2015/abstracts-2015>
46. **Răileanu A**, Rusu E, *Advances in increasing the Reliability of the Wave Predictions in the Black Sea by Implementing Data Assimilation Techniques*, prezentat la a patra ediție a Conferinței Științifice a Școlilor Doctorale din UDJ Galați (CSSD-UDJG 2016), 2-3 iunie 2016 Galați, Romania. <http://www.cssd-udjg.ugal.ro/index.php/abstracts>

I – PARTICIPĂRI ÎN ECHIPELE PROIECTELOR DE CERCETARE-DEZVOLTARE

– 19 proiecte (proiectele de cercetare marcate cu simbolul * sunt anexate în format electronic)

47. „LeNetEco 2 – Establishment of Learning Network for the consolidation effort of joint environmental control and monitoring in the Black Sea Basin 2”, BSB-1088, Joint Operational Programme Black Sea Basin 2014-2020. Buget: 773,030 EUR, manager proiect
48. „ITI – ÎNVĂȚĂMÎNT TERȚIAR INOVATIV CORELAT CU STRATEGIA DE DEZVOLTARE INTELIGENTĂ ”, POCU: 320/6/21-121659, Buget: 5.972.571,69 lei, Coordonator proiect
49. „ProForm – Creșterea calității programelor de studii universitare prin formarea resursei umane și promovarea culturii antreprenoriale în rândul studenților ”, POCU/379/6/21 – 124981, Coordonator proiect
50. „MEDIIA – Metode Educationale pentru Dezvoltarea Invatamantului Inovativ Antreprenorial”, POCU 122859, Expert monitorizare
51. ***ACCWA** (2017-2019), Evaluarea efectelor produse de schimbările climatice asupra condițiilor de val din Marea Neagra, CNCS – UEFISCDI, project number **PN-III-ID-PCE-2016-0028**, <http://www.im.ugal.ro/ACCWA/>, cercetător-membru în echipa de proiect
52. **DANTE** (2017) - Improving Administrative Procedures and Processes for Danube IWT”, INTERREG Danube Transnational Programme, Proiect co-finanțat de Uniunea Europeană (ERDF, IPA). Buget: 1,982,786 EUR, <http://www.interreg-danube.eu/approved-projects/dante> manager de proiect
53. ***DAMWAVE** (2013-2015), Implementation of data assimilation methods to improve the wave predictions in the Romanian nearshore, CNCS – UEFISCDI, project number **PN-II-ID-PCE-2012-4-0089**, <http://www.im.ugal.ro/DAMWAVE/index.htm>, membru în echipa de proiect.
54. **ExcelDOC** (2014-2015) - proiect POSDRU 159/1.5/S/132397, "Excelenta in cercetare prin burse doctorale si postdoctorale”, membru al grupului țintă.
55. **UNI4-4**, Dezvoltarea sistemului european de management al calificărilor universitare și valorificarea competențelor informale, FONDUL SOCIAL EUROPEAN Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013, Contract POSDRU/ 86 /1.2/S/63252, valoare 9.690.000 lei, perioada 2010-2013, expert pe termen scurt.
56. „**Enjoying the biodiversity of Small Wetland of Braila by Guided Eco-tourism**”, contract de finanțare nr.83124396/GIZ/DCC, perioada 2012-2013, asistent manager
57. „**Study on Assessing and Promoting e-Accessibility**”, EC Contract with Empirica Gesellschaft fur Kommunikatons und Technologieforschung mbH, valoare subcontract 2400 EUR, corespondent național.
58. „**Alături de cariera ta**”, FONDUL SOCIAL EUROPEAN Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007 – 2013, Contract numarul POSDRU/161/2.1/G/136860, valoare 1.936.643,68 lei, perioada 2014-2015, Manager de proiect
59. „**VirIncCreate** (Virtual Incubator for Creative Industries)” www.vicreative.org – Contract de cercetare nr. 2006UK/06/B/F/PP_162_514 Membru (cercetare, diseminare) in cadrul proiectului transnational.

60. **Membru (cercetător)** in cadrul proiectului „Studiu privind optimizarea utilizării capacităților frigorifice de depozitare”, nr.10140/03.12.2008, valoare 10.500 eur;
61. Director de laborator in cadrul proiectului Leonardo da Vinci „Training service for operators in the system of lifelong learning and Professional Formation and active labour politics”, **LLP-LDV/TOI/2007/IT/403**, promotor Provincia di Perugia, Italia
62. **FIN-URB-ACT** “Integrated urban actions for fostering and financing innovative economies and SMEs European Programme for Urban Sustainable Development, Site: <http://urbact.eu/thematicpoles/growth-andjobs/thematicnetworks/fin-urbact/presentation.html>, membru
63. **ESTIA-EARTH**, To Sustain the Women’s Careers as Academics, Researchers and Professionals in Engineering, Computers and Sciences, PROJECT 142418-LLP-1-2008-1-GR-ERASMUSENW, asistent manager
64. **Absolventii si piata muncii** - Studiu național de monitorizare a inserției pe piața muncii a absolvenților din învățământul superior, UEFISCSU - Unitatea Executivă pentru Finanțarea Învățământului Superior și a Cercetării Științifice Universitare, membru,
65. **STUD_COMP_IMM - PNCDI 2**, Studii de competitivitate ale sectorului întreprinderilor mici și mijlocii în perspectiva dezvoltării durabile locale și regionale prin politici economico-financiare, din cadrul Programului “PN II”, contract 92121/2008, valoare 500000 euro, perioada 2008-2011, membru